

## ER-2 #809 09/14/12 - 09/15/12

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 12-9018

Payload Configuration: MABEL, CATS, CPL

Nav Data Collected: Yes

Total Flight Time: 5.7 hours

Submitted by: Chris Jennison on 09/15/12

### Flight Segments:

From:	WFF	To:	WFF
Start:	09/14/12 19:50 Z	Finish:	09/15/12 01:31 Z
Flight Time:	5.7 hours		
Log Number:	<a href="#">122034</a>	PI:	william cook
Funding Source:	Thorsten Markus - NASA - SMD - ESD ICESat-2 Project Scientist		
Purpose of Flight:	Science		
Comments:	The third science flights launched after two days of cooling system flushing and indications during the flight are that MABEL is operating nominally. Flight recorded deciduous forest biomass measurements over New England and Fort A.P. Hill, Virginia. Landing gear handle light stayed illuminated during entire flight & gear not down light on until halfway through descent. Low pass confirmed gear down by mobile prior to uneventful landing. Troubleshooting underway.		

### Flight Hour Summary:

	<b>122034</b>
Flight Hours Approved in SOFRS	47
Total Used	53.1
Total Remaining	-6.1

### 122034 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">09/06/12</a>	12-9014	Check	1	1	46	
<a href="#">09/07/12</a>	12-9015	Transit	8.1	9.1	37.9	
<a href="#">09/09/12 - 09/10/12</a>	12-9016	Science	5.7	14.8	32.2	
<a href="#">09/11/12</a>	12-9017	Science	1.7	16.5	30.5	
<a href="#">09/14/12 - 09/15/12</a>	12-9018	Science	5.7	22.2	24.8	
<a href="#">09/15/12</a>	12-9019	Science	3.7	25.9	21.1	
<a href="#">09/19/12 - 09/20/12</a>	12-9021	Transit	8.8	34.7	12.3	
<a href="#">09/20/12 - 09/21/12</a>	12-9022	Science	5.8	40.5	6.5	
<a href="#">09/21/12 - 09/22/12</a>	12-9023	Science	4.8	45.3	1.7	
<a href="#">09/27/12</a>	12-9026	Science	3.8	49.1	-2.1	
<a href="#">09/28/12</a>	12-9027	Science	4	53.1	-6.1	

*Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.*

Page Editor: Brad Bulger

NASA Official: Bruce A. Tagg

---

**Source URL:** [https://airbornescience.nasa.gov/flight\\_reports/ER-2\\_809\\_09\\_14\\_12\\_-\\_09\\_15\\_12#comment-](https://airbornescience.nasa.gov/flight_reports/ER-2_809_09_14_12_-_09_15_12#comment-)